## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.:

10/762,078

Confirmation No.: 4620

Applicant(s): Hardeman et al.

January 21, 2004

Crane, Lawrence E.

ALKYL-LINKED NUCLEOTIDE COMPOSITIONS

047446/273072

Commissioner for Patents

Jan
Art Unit: 162.
Examiner: Cran
Title: ALK

Docket No.: 04744

Customer No.: 00826

Mail Stop AF

Commission
P.O. P Mexandria, VA 22313-1450

## AMENDMENT AFTER FINAL UNDER 37 C.F.R. § 1.116

Sir:

In response to the Final Office Action dated May 11, 2007, and the Advisory Action dated October 11, 2007, please amend the above-identified application as follows:

Amendments to the Specification are reflected in the listing of claims beginning on page 2 of this paper. An Appendix including a marked-up copy and clean copy of the Substitute Specification including all changes made in the present amendment is attached following page 31 of this paper.

Amendments to the Claims are reflected in the listing of claims beginning on page 3 of this paper.

Remarks/Arguments begin on page 20 of this paper.

**Exhibit A** is attached following page 31 of this paper.